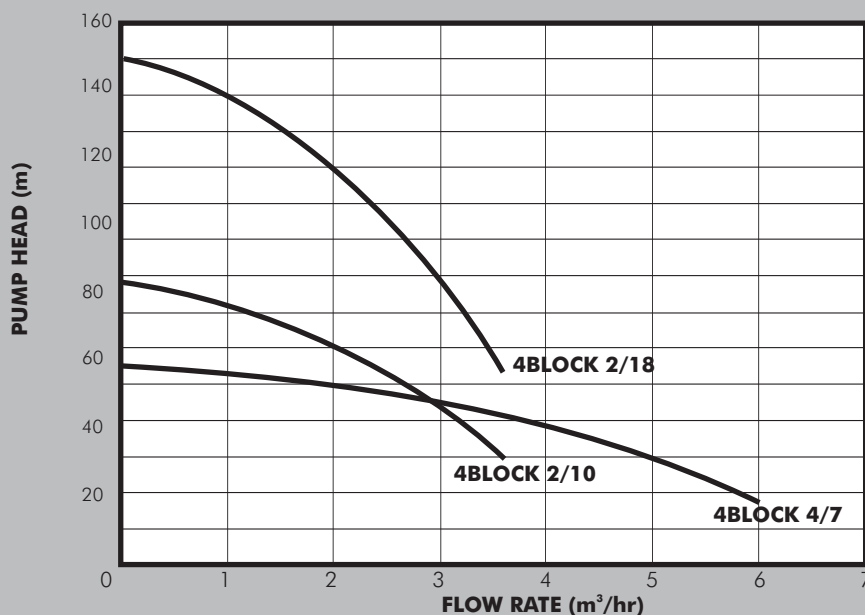




PEDROLLO



4 BLOCK Monoblock Submersible Pumps



PUMP

The Pedrollo 4BLOCK is an innovative adaptation of the conventional 4SR borehole submersible pump design incorporating an integral pump/motor unit in one compact unit. Hydraulic and motor components are the same, though they are encased in a one-piece housing thus providing a more economic alternative to the traditional borehole pump. Particular features include:-

- High resistance independently floating delrin impellers providing the pump with a light silt passing capability.
- Integrated design incorporating a built-in capacitor so no separate control unit is required.
- 20m drop cable supplied as standard

The 4BLOCK range is particularly suitable to all small-scale domestic installations particularly for boreholes, though they can also be used in wells in either vertical or horizontal configuration. All pump components other than engineering delrin impellers and noryl diffusers are manufactured from AISI304 grade stainless steel.

MOTOR

Pumps are fitted with integral two-pole Pedrollo motors constructed principally from stainless steel. A built-in thermal overload for motor protection is provided so the pump can be connected directly to the mains power supply through a 10A fuse or MCB.

Enclosure Class: IPX68

Insulation Class: F

Voltage: 1x240V

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean chemically non-aggressive liquids with maximum sand content of 200gm/m³

Max Liquid Temp: +35°C

Max Submersion Depth: 4Block: 100m

Min Borehole Diameter: 110mm

PUMP DATA

Model	Motor		Current (A)	Dimensions (mm)			Weight (kg)
	kW	HP		DN	H	Ø	
4BLOCKm 2/10	0.55	0.75	4	1 1/4"	657	100	12.3
4BLOCKm 2/18	1.1	1.5	8		907		17
4BLOCKm 4/7	0.55	0.75	4		652		12.1

